

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	BHNLB-9073-00(016) BRNLB-9073-00(018)	215	444

BRIDGE CONSISTS OF

1 - 54'-7 11/16" TYPE III PSC BEAM SPAN ----- SPECIAL DESIGN  
2 - CONCRETE END BENTS ----- SPECIAL DESIGN  
BAR BENDING DETAILS ----- GA. STD. 3901 (8-69)

DESIGN DATA

SPECIFICATIONS ----- AASHTO 17TH EDITION, 2002  
(DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)  
LIVE LOAD ----- 85 LBS PER SQ FT  
FUTURE PAVING ALLOWANCE ----- 30 LBS PER SQ FT  
CONCRETE: SUPERSTRUCTURE ----- CLASS AA,  $f_c = 3,500$  PSI  
BARRIER ----- CLASS AA,  $f_c = 3,500$  PSI  
PSC BEAMS ----- CLASS AAA,  $f_c = 5,000$  PSI  
PSC BEAM ALLOWABLE TENSION ----- 424 PSI  
SUBSTRUCTURE ----- CLASS AA,  $f_c = 3,500$  PSI  
REINFORCEMENT STEEL: ----- GRADE 60,  $f_y = 60,000$  PSI  
PRETENSIONING STRANDS: -----  $f_p = 270,000$  PSI

UTILITIES

NO UTILITIES ON BRIDGE

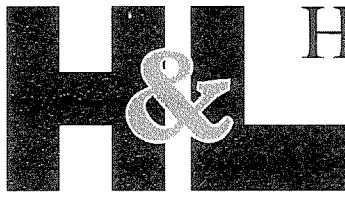
GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION, AND 2008 SUPPLEMENTAL SPECIFICATIONS AS MODIFIED BY CONTRACT DOCUMENTS.  
REINFORCING STEEL - PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL.  
CHAMFER - CHAMFER ALL EXPOSED CONCRETE EDGES 3/4" UNLESS OTHERWISE NOTED.  
TRAFFIC CONTROLS - RAMP TO BE CLOSED DURING BRIDGE CONSTRUCTION. SEE ROADWAY PLANS FOR DETOUR, TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.  
DIMENSIONS AND ELEVATIONS - VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO ORDERING MATERIALS OR BUILDING FORMS. LIGHT LINES INDICATE THE EXISTING STRUCTURE AND HEAVY LINES INDICATE THE NEW STRUCTURE.  
SMOOTH DOWEL BARS - PLACE SMOOTH DOWEL BARS IN FORMED 3" DIAMETER X 12" DEEP HOLES AND GROUT IN PLACE SIMILAR TO ANCHOR BOLTS, SEE SUB-SECTION 501.3.05.B.3 OF THE GEORGIA DOT SPECIFICATIONS. STIRRUPS MAY BE SHIFTED SLIGHTLY TO CLEAR FORMED HOLES.  
GROOVED CONCRETE - GROOVE THE ENTIRE LENGTH OF THE BRIDGE AS A CONTINUATION OF THE GROOVING ON BRIDGE 1, TO WITHIN 6 INCHES OF THE FACE OF THE PARKING GARAGE AS PER SUB-SECTION 500.3.05.T.9.C OF THE GEORGIA DOT SPECIFICATIONS.  
WELDING - ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE OFFICE OF MATERIALS. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.  
SALVAGE MATERIAL - NO MATERIAL REMOVED FROM THE EXISTING STRUCTURE SHALL BE SALVAGED FOR USE BY THE GEORGIA DOT.  
INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF WATERPROOFING, JOINT FILLERS AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-0100	28	SY	GROOVED CONCRETE
500-1006	LUMP	LS	SUPERSTR CONCRETE, CL AA, BR NO - 3 (25)
500-2110	24	LF	CONCRETE PARAPET, SPCL DESIGN
500-3002	18	CY	CLASS AA CONCRETE
507-9003	122	LF	PSC BEAMS, AASHTO TYPE III, BR NO - 3
511-1000	4361	LB	BAR REINF STEEL
511-3000	LUMP	LS	SUPERSTR REINF STEEL, BR NO - 3 (5367)
524-0010	91	LF	DRILLED CAISSON - 48 IN
540-1101	LUMP	LS	REMOVAL OF EXISTING BR, STA NO - 27+14
544-1000	LUMP	LS	DECK DRAIN SYSTEM, BR NO - 3

BRIDGE NO. 3



Heath & Lineback Engineers  
INCORPORATED  
2390 CANTON ROAD, BUILDING 200  
MARIETTA, GEORGIA 30066-5393  
(770)424-1668

GEORGIA  
DEPARTMENT OF TRANSPORTATION  
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

GENERAL NOTES  
CENTENNIAL PARKING DECK RAMP

FULTON COUNTY

BHNLB-9073-00(016)  
BRNLB-9073-00(018)

NO SCALE

JULY 2013

DESIGNED TBS  
DRAWN TBS

CHECKED RLF/MS  
DESIGN GROUP SWW

REVIEWED WMD/DLC  
APPROVED BFR

DRAWING NO.  
35 - 098

BRIDGE SHEET  
2 OF 11

BY

DATE

REVISIONS